

UNOCAL CHEMICALS DIV UNION OIL CO OF CALIFORNIA -- 5704077;WESTERN WELD BU-16 LIQUID BUFFER -- 2640-00-052-6724

===== Product Identification =====

Product ID:5704077;WESTERN WELD BU-16 LIQUID BUFFER

MSDS Date:02/03/1997

FSC:2640

NIIN:00-052-6724

MSDS Number: CFCRP

=== Responsible Party ===

Company Name:UNOCAL CHEMICALS DIV UNION OIL CO OF CALIFORNIA

Address:1701 GOLF RD.,SUITE 1-1101

Box:NONE

City

:ROLLING MEADOWS

State:IL

ZIP:60008-4295

Country:US

Info Phone Num:800-967-7601

Emergency Phone Num:800-967-7601

CAGE:5W323

=== Contractor Identification ===

Company Name:SABINE ASSN FOR RETARDED CITIZENS INC

Address:545 W SAN ANTONIO AVE

Box:1150

City:MANY

State:LA

ZIP:71449

Country:US

Phone:318-256-2025

CAGE:0F8U7

Company Name:UNOCAL CHEMICALS DIV UNION OIL CO OF CALIFORNIA

Address:1345 N MEACHAM RD

Box:City:SCHAUMBURG

State:IL

ZIP:60195

Country:US

Phone:800-967-7601

CAGE:5W323

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Composition/Information on Ingredients =====

Ingred Name:HEXANE (N-HEXANE) (CERCLA)  
CAS:110-54-3  
RTECS #:MN9275000  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:500 PPM  
ACGIH TLV:50 PPM; 9596  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

===== Hazards Identification =====

LD50 LC50 Mixture:LD50 OR/RAT=5G/KG;DERM/RAB=3.16G/KG  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic  
:INHAL:IRRITATES RESPIRATORY TRACT.CNS  
EFFECTS.ANESTHETIC.EYES:IRRITANT.SKIN:BRIEF CONTACT MAY DRY  
SKIN.PROLONGED CONTACT MAY CAUSE DERMATITIS.INGEST:VOMITING THIS  
MATERIEL AFTER SWALLOWING MAY CAUSE S EVERE LUNG DAMAGE.CHRONIC  
EXPOSURE MAY CAUSE IRREVERSIBLE NERVE DAMAGE.  
Explanation of Carcinogenicity:HEXANE HAS BEEN INVESTIGATED BY RETCS  
92-4 AS A MUTAGEN,TUMORIGEN AND REPRODUCTIVE EFFECTOR.  
Effects of Overexposure:INHAL:DIZZINESS,UNCONSCIOUSNESS,NUMBNESS OF  
EXTREMITIE  
S,HEADACHE.  
Medical Cond Aggravated by Exposure:MANUFACTURER STATES NONE KNOWN.

===== First Aid Measures =====

First Aid:INHAL:REMOVE TO FRESH AIR.GIVE ARTIFICIAL RESPIRATION IF  
NEEDED.GET PROMPT MEDICAL ATTENTION.EYES:FLUSH WITH WATER FOR 15  
MINUTES,WHILE LIFTING LIDS.GET MEDICAL ATTENTION.SKIN:REMOVE  
CONTAMINATED CLOT HING.WASH WITH SOAP AND WATER.GET MEDICAL  
ATTENTION IF IRRITATION PERSISTS.INGEST:DO NOT INDUCE VOMITING!GET  
PROMPT QU  
ALIFIED MADICAL ATTENTION.

===== Fire Fighting Measures =====

Flash Point Method:TCC  
Flash Point:-11F,-24C  
Autoignition Temp:Autoignition Temp Text:464F  
Lower Limits:1.0  
Upper Limits:7.8  
Extinguishing Media:USE DRY CHEMICAL OR CARBON DIOXIDE.WATER MAY BE  
INEFFECTIVE.  
Fire Fighting Procedures:WEAR A SELF-CONTAINED BREATHING APPARATUS AND  
FULL PROTECTIVE CLOTHING.USE WATER SPRAY TO COOL FIRE EXPOSED  
CONTAINERS.  
Unusual Fire/Explosion Hazard:EXPLOSIVE

VAPORS MAY FORM;EXTINGUISH ALL  
NEARBY SOURCES OF IGNITION.

===== Accidental Release Measures =====

Spill Release Procedures:USE PROPER RESPIRATORY AND PROTECTIVE  
EQUIPMENT.EXTINGUISH SOURCES OF EQUIPMENT.GROUND ALL HANDLING  
EQUIPMENT. DIKE LARGE SPILLS.ADSORB WITH A NON-COMBUSTIBLE  
SORBENT;PUT INTO APPROPRIATE CONTAINER FO R DISPOSAL.KEEP OUT OF  
SEWER OR WATERWAYS.

Neutralizing Agent:NONE.

===== Handling and Storage =====  
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Handling and Storage Precautions:STORE IN A COOL,DRY,WELL VENTILATED  
PLACE, AWAY FROM INCOMPATIBLE MATERIELS AND SOURCES OF  
IGNITION.GROUND EQUIPMENT WHEN HANDLING.

Other Precautions:EMPTY CONTAINERS CAN HAVE EXPLOSIVE RESIDUES.USE NON-  
SPARKING TOOLS.KEEP CONTAINERS CLOSED WHEN NOT IN USE.DO NOT  
CUT,GRIND,WELD OR DRILL NEAR THIS CONTAINER.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:USE EITHER A SELF-CONTINED BREATHI  
NG APPARATUS

OR A NIOSH/MSHA APPROVED RESPIRATOR FOR ORGANIC VAPOR.

Ventilation:USE LOCAL OR MECHANICAL EXHAUST TO MAINTAIN TLV.MECHANICAL  
EQUIPMENT SHOULD BE NON-SPARKING(EXPLOSION-PROOF).

Protective Gloves:RUBBER GLOVES.

Eye Protection:USE A FACE SHIELD.H

Other Protective Equipment:APPROVED WORK CLOTHES.HAVE EYE WASH  
AVAILABLE.

Work Hygienic Practices:WASH HANDS.SEPERATE WORK CLOTHES FROM STREET  
CLOTHES.LAUNDER WORK CLOTHES BEFORE REUSE.KEEP FOOD OUT OF THE WORK  
AREA.

Suppl  
emental Safety and Health  
NONE

===== Physical/Chemical Properties =====

HCC:F2

Boiling Pt:B.P. Text:149F,65C

Melt/Freeze Pt:M.P/F.P Text: